

ABSTRACT OF THE DISCLOSURE

**PERFORMANCE-ENHANCING SYSTEM AND METHOD OF ACCESSING FILE
SYSTEM OBJECTS**

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A performance-enhancing system and method of accessing
file system objects are provided. The system and method
10 entail determining a plurality of file system objects that
are frequently being accessed. Each one of these file
system objects has a pathname and an inode number. The
inode number is used to locate the file system object on a
storage system. The pathname of each file system object and
15 its inode number are cross-referenced and cached. Having a
whole pathname of a file cross-referenced with its inode
number and entered into a memory allows the inode number to
be obtained with one memory access instead of the many
memory accesses that are usually required.

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